



Lawrence Berkeley National Laboratory

Earth & Environmental Sciences Area



September 4, 2017

Ken Harris, PG  
State Oil and Gas Supervisor  
California Department of Conservation  
Division of Oil, Gas and Geothermal Resources  
801 K Street  
Sacramento, CA 95814

Dear Mr. Harris,

I have reviewed the "Scope of Work for Geological, Seismologic, and Geomechanical Studies at the Aliso Canyon Gas Storage Field" submitted by SoCalGas to DOGGR on August 9, 2017, which is designed to address seismic hazard and risk and their mitigation. I also attended the meeting held by SoCalGas at Aliso Canyon on July 27, 2017 to review the proposed workplan, and progress on the seismic risk and landslide analyses and associated petrophysical and geomechanical studies.

Based upon these reviews, it is my opinion that the consulting team contracted by SoCalGas is well qualified to conduct these studies. It is also my opinion that the scope of work adequately addresses the requirements for probabilistic seismic and fault displacement hazard analyses mandated by DOGGR Order No. 1118, dated July 19, 2017.

Sincerely,

A handwritten signature in blue ink that reads "W. Foxall".

William Foxall, Ph.D.  
Senior Geological Scientist  
Lawrence Berkeley National Laboratory

cc: Alan Walker, Division of Oil, Gas and Geothermal Resources  
Barry Freifeld, Lawrence Berkeley National Laboratory

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